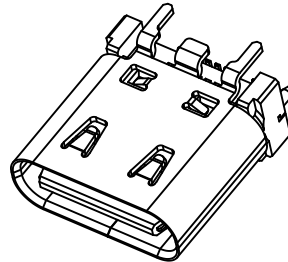
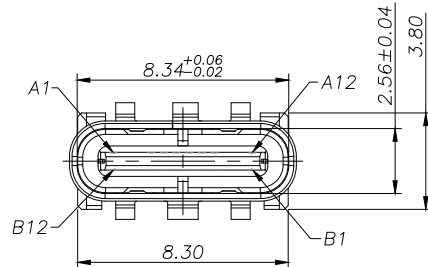


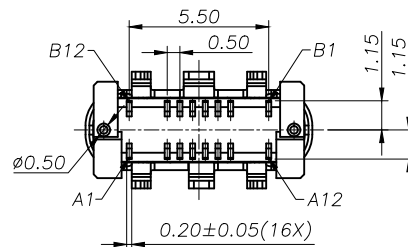
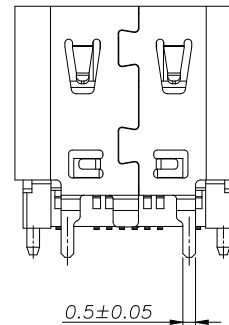
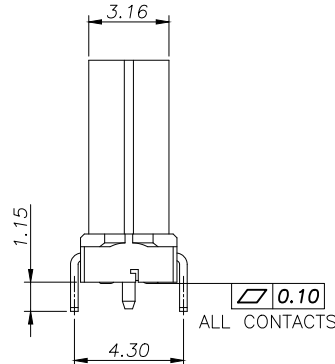
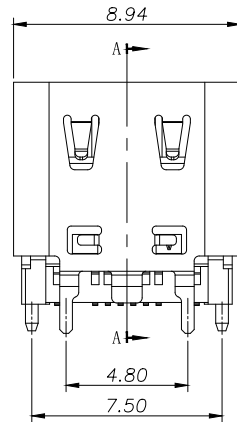


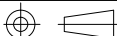
REV:	ECN. NO.	NAME	DATE



NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0
 - 2.TERMINAL: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 2-2.FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.MID PLATE
CLEAR ONLY
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)
CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

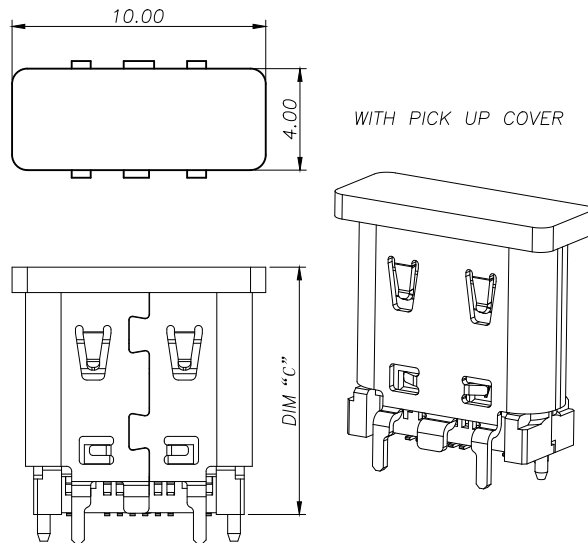


TOLERANCE X.X ±0.30 X° ±10° .XX ±0.20 .X° ±8° .XXX ±0.10 .XX° ±5° UNITS mm		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION	
		TITLE:	USB CF 16P VERTICAL		
DRAWN BY:	Zou Long	PART NO:	UC22-1E1H1A103-0HR-29		REV: A
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:1 OF 4	FCN: F9
APPROVED BY:	QPF	PROJECTION			http://www.vitalconn.com

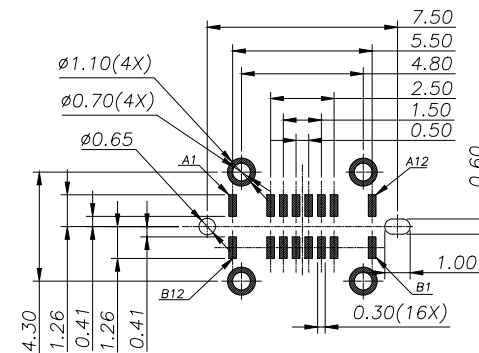
For technical support, please send an email to support@vitalconn.com



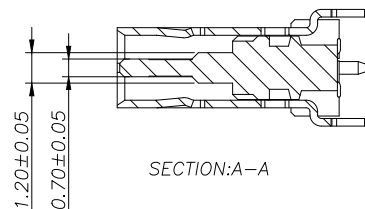
REV:	ECN. NO.	NAME	DATE



ASSEMBLY WITH CAP



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05



SECTION:A-A

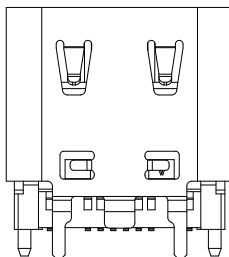
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			Vbus	CC1	D+	D-	SBU1	Vbus			GND
GND			Vbus	SBU2	D-	D+	CC2	Vbus			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

TOLERANCE X.X ±0.30 X° ±10° .XX ±0.20 .X° ±8° .XXX ±0.10 .XX° ±5° UNITS mm		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		PART NO: UC22-1E1H1A103-0HR-29		REV: A	
CHECKED BY: Bob		SIZE: A4		UNIT:mm	
APPROVED BY: QPF		PROJECTION		SHEET:2 OF 4	
				FCN: F9	
				http://www.vitalconn.com	

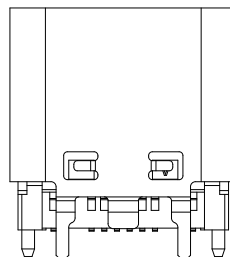
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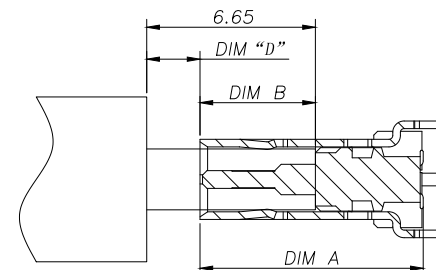
REV:	ECN. NO.	NAME	DATE



DRAWING WITH SPRING(4X)



DRAWING WITHOUT SPRING



AFTER MATING

TABLE 1

P/N	DIM A	DIM B	DIM C	DIM D	REMARK	QTY/REEL	QTY/BOX
UC22-1E1H1A103-0HR-29	8.8	4.45	9.75	2.1	WITH SPRING	450	4500
UC22-2E1H1A103-0HR-29	9.2	4.95	10.20	1.70	WITH SPRING	450	4500
UC22-3E1H1A103-0HR-29	10.45	6.20	11.40	0.45	WITH SPRING	450	4500
UC22-1E1H1A103-1HR-29	8.8	4.45	9.75	2.1	WITHOUT SPRING	450	4500
UC22-2E1H1A103-1HR-29	9.2	4.95	10.20	1.70	WITHOUT SPRING	450	4500
UC22-3E1H1A103-1HR-29	10.45	6.20	11.40	0.45	WITHOUT SPRING	450	4500

DESCRIPTION P/N: UC22-1E1H1A103-0HR-29

SEE TABLE 1 — H: HF

SEE TABLE 1

HOUSING MATERIAL

E: PA9T

HOUSING COLOR

1: BLACK

SHELL MATERIAL

H: SUS304

SHELL PLATING

1: Ni

CONTACT FUNCTIONAL AREA PLATED

03: Au 3u"

15: Au 15u"

30: Au 30u"

CONTACT SOLDER AREA PLATED

1: Au 1u"

CONTACT MATERIAL

A: C18150

TOLERANCE

X.X ±0.30	X° ±10°
.XX ±0.20	.X° ±8°
.XXX ±0.10	.XX° ±5°
UNITS	mm



FOR YOUR
VITAL CONNECTION

TITLE:

USB CF 16P VERTICAL

DRAWN BY: Zou Long

PART NO: UC22-1E1H1A103-0HR-29

REV: A

CHECKED BY: Bob

SIZE: A4

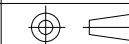
UNIT:mm

SHEET:3 OF 4

FCN: F9

APPROVED BY: QPF

PROJECTION

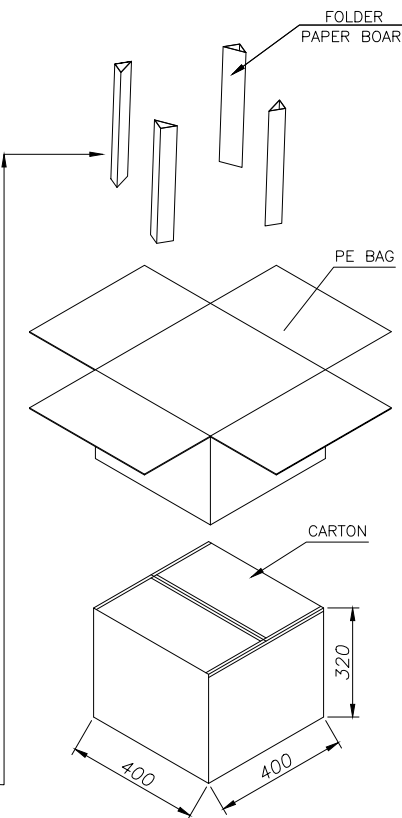
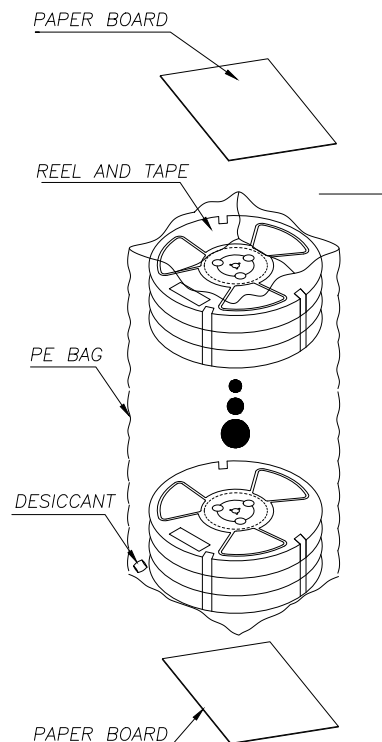
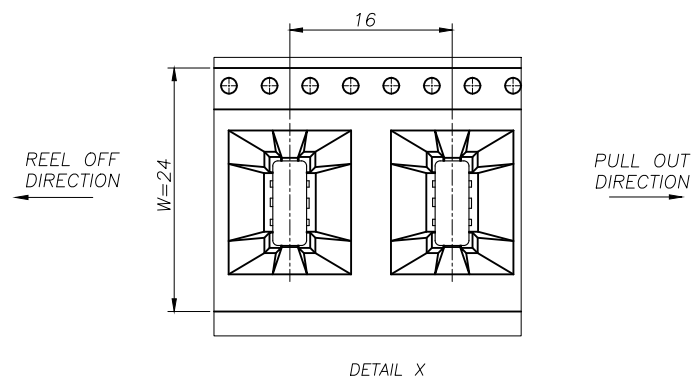
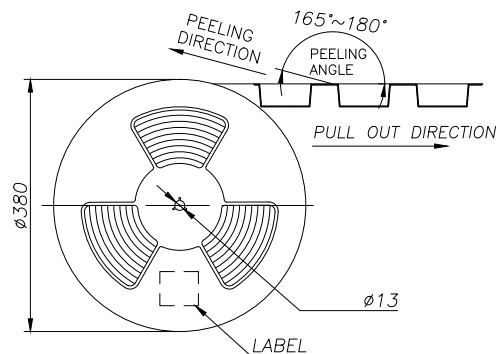
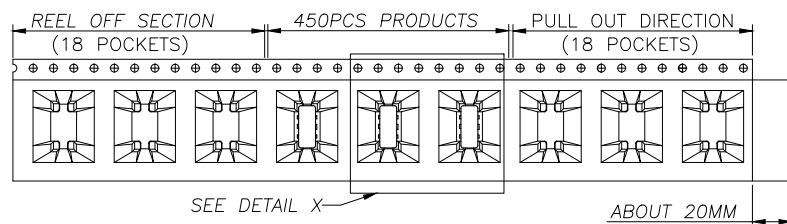


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REV:	ECN. NO.	NAME	DATE



TOLERANCE		Vitalconn a vital connector company		FOR YOUR VITAL CONNECTION	
X.X ±0.30	X° ±10°				
.XX ±0.20	.X° ±8°	TITLE:		USB CF 16P VERTICAL	
.XXX ±0.10	.XX° ±5°	DRAWN BY: Zou Long		PART NO: UC22-1E1H1A103-0HR-29	
UNITS	mm	CHECKED BY: Bob		UNIT:mm	
		APPROVED BY: QPF		SHEET:4 OF 4	
		PROJECTION		FCN: F9	
				http://www.vitalconn.com	

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